

SCAD



14TH ANNUAL SCHOLARSHIP AND
CREATIVE ARTS DAY

APRIL 19-20, 2021

VIRTUAL CONFERENCE

#ETOWNSCAD21



SCHOLARSHIP AND CREATIVE ARTS DAY

Elizabethtown College students reach success through our 21st century curricula combining high-quality professional programs, real-world experiences involving hands-on opportunities to conduct academics and research, and a 120+ year learning tradition of thinking critically, analyzing deeply, and communicating effectively.

Our annual Scholarship and Creative Arts Day (SCAD) is a forum for our students to present their academic research in their respective disciplines, while others showcase talents through recitals and a juried art exhibit. The scholarly work and presentations would not be possible without our faculty mentors who dedicate their time and expertise to helping our students succeed.

With the excellent education and training, our students go out into the world and make an impact. Our annual SCAD demonstrates our College's commitment to fostering those impacts being made and to the importance of scholarly research.

Cecilia McCormick, President
Elizabeth A. Rider, Senior Vice President
for Academic Affairs and Dean of Faculty

Scholarship and Creative Arts Days at a Glance

Monday, April 19, 2021

Occupational Therapy Graduate Research Symposium

5:00- 5:45 pm Opening Ceremonies

5:50 pm Session 1

6:25 pm Session 2

7:00 pm Session 3

7:35 pm Finale

Fine and Performing Arts Recital

7:30 pm Musser Auditorium, Leffler Chapel and Performing Arts Center

Presentation Format Information

The presentations for 2021 Scholarship and Creative Arts Day student conference will be shared during the live virtual sessions listed in this program.

34th Annual Juried Art Show

April 1 – April 23, 2021

Lyet Gallery, The Leffler Chapel and Performance Center

Occupational Therapy Graduate Research Symposium

Monday, April 19, 2021

Click on the Zoom meeting icons for presentation meeting

Occupational Therapy		Presentation	
		Panel Moderator(s): Judy Beck Ericksen, PhD, OTR/L	
4/19/21	A Portrayal of Occupational Therapy in Media from 20 PM19: A Content Analysis		# 3
5:50-6:20 PM			
Presenters:	Sarah Hawkins, Leanna Miller, Christiana Onimus, Lauren Schieb	Mentor: Judy Beck Ericksen, PhD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Nancy Carlson, PhD, OTR/L	
4/19/21	The Brain-Body Center Sensory Scales: How Does it Fit into Traditional Sensory Processing		# 4
5:50-6:20 PM	Evaluation?		
Presenters:	Elizabeth Anderson, Courtney Gelb, Nameer Kazzaz,	Mentor: Nancy Carlson, PhD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Kerri Hample, OTD, OTR/L, FMCHC	
4/19/21	Interceptive Awareness: Do you need to be able to understand your body in order to		# 5
5:50-6:20 PM	regulate?		
Presenters:	Claudia Jones, Joseph Sensenig, Amber Sheesley, Phoebe Thomasco	Mentors: Kerri Hample, OTD, OTR/L, FMCHC Kelly Mahler, OTD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Gina Fox, OTD, OTR/L	
4/19/21	To Splint or Not to Splint?: Initial Therapist Perspectives of a Decision Tree for Upper		# 6
5:50-6:20 PM	Extremity Splinting after Acquired Brain Injury		
Presenters:	Hailey Alger, Natalie Capone, Emily Fishkind, Ian McDowell	Mentor: Gina Fox, OTD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Tamera Keiter Humbert, D.Ed., OTR/L	
4/19/21	Community Reentry Programs and Their Impacts on Reentrant's Daily Occupations		# 7
5:50-6:20 PM			
Presenters:	Tajanae Baker, Hali Eckenrode, Sarah Guttman, Hannah Leibensperger	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Judy Beck Ericksen, PhD, OTR/L	
4/19/21	Effectiveness of Sensory Based Interventions in School Settings: A Mixed Methods Research		# 8
6:25-6:55 PM	Synthesis		
Presenters:	Ashleigh Denault, Sara Lingo, Lenea Riehl, Zoe Spadaro	Mentor: Judy Beck Ericksen, PhD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Terri Reichley Dennehy, DEd, OTR/L	
4/19/21	The Effects of Mindfulness Apps on College Students' Stress and Occupational Performance		# 9
6:25-6:55 PM			
Presenters:	Alyssa Ginder, Sarah Helt, Lianna Procida, Cameron Robbins	Mentor: Terri Reichley Dennehy, DEd, OTR/L	

Occupational Therapy		Presentation	
		Panel Moderator(s): Daniel Panchik, DSc, OTR/L, CLT-LANA	
4/19/21	The Effectiveness of Advanced Pneumatic Compression Devices in the Treatment of		# 10
6:25-6:55 PM	Lymphedema: A Systematic Review		
Presenters:	Delaney Klepper, Kaitlyn Knecht, Jessica Pron, Melanie Schuller	Mentor: Daniel Panchik, DSc, OTR/L, CLT-LANA	
Occupational Therapy		Presentation	
		Panel Moderator(s): Kerri Hample, OTD, OTR/L, FMCHC, NBC-HWC	
4/19/21	Toileting Difficulty in Childhood Autism: Pilot Study using Interoception, Nutrition, and Pelvic		# 11
6:25-6:55 PM	Floor Interventions		
Presenters:	Isabelle Hughes, Jessica Kutteroff, Rebecca Leary,	Mentor: Kerri Hample, OTD, OTR/L, FMCHC, NBC-HWC	
Occupational Therapy		Presentation	
		Panel Moderator(s): Tamera Keiter Humbert, D.Ed., OTR/L	
4/19/21	Traumatic Brain Injury and Grief: A Phenomenological Approach in Occupational Therapy		# 12
6:25-6:55 PM			
Presenters:	Megan Delaney, Emily Frenz, Olivia Geiger, Katherine Kruis	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Diane Martin, OTD, OTR/L	
4/19/21	Enhancing Child and Family Engagement in Social and Community Participation: Outcomes		# 13
7:00-7:30 PM	of an Early Intervention Sensory Motor Group		
Presenters:	Erin Doherty, Maria Giamba, Sarah Posey, Alexis Preston	Mentor: Diane Martin, OTD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Debbie Waltermire, DrPH, OTR/L	
4/19/21	Exploring the daily life of adults with congenital heart disease during the COVID-19 pandemic		# 14
7:00-7:30 PM			
Presenters:	Julia Aleo, Samantha Bailey, Erin Dart, Meghan Matje	Mentor: Debbie Waltermire, DrPH, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Terri Reichley Dennehy, DEd, OTR/L	
4/19/21	Perceptions of OTA/OT Students on Virtual Immersive Learning for Intraprofessional		# 15
7:00-7:30 PM	Collaboration		
Presenters:	Emily Buss, Scarlett Lehman, Jordan Sobolesky, Ceara Woelfel	Mentor: Terri Reichley Dennehy, DEd, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Angela Salvadia, EdD, OTR/L	
4/19/21	Caring for Caregivers of Stroke: An Exploratory Study to Define Occupational Therapy's Role		# 16
7:00-7:30 PM			
Presenters:	Hannah Paymer, Allison Plotts, Madison Tyrrell, Abigail Whitehead	Mentor: Angela Salvadia, EdD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): Erica K. Wentzel, OTD, OTR/L	
4/19/21	Knowledge of Trauma Informed Care in the Neonatal Intensive Care Unit		# 17
7:00-7:30 PM			
Presenters:	Anajulia Blanch, Jessica Clark, Lydia Lawson, Jesse Sartor	Mentor: Erica K. Wentzel, OTD, OTR/L	

Scholarship and Creative Arts Days Recital



Elizabethtown College School of Arts and Humanities Department of Music presents its
Scholarship and Creative Arts Day Student Honors Recital

April 19, 2021 at 7:30 p.m.

Musser Auditorium , Leffler Chapel and Performing Arts Center

PROGRAM

- | | |
|---|---------------------------------------|
| Partita No. 3 in E Major, BWV 1006 | Johann Sebastian Bach (1685-1750) |
| II. Gavotte en Rondeau | |
| Bruno Coletta '21, violin | |
|
Sonata in A Major |
César Franck (1822-1890) |
| IV. Allegretto poco mosso | |
| Jayden Gibson '22, flute | |
| Dr. Justin Badgerow, piano | |
|
Elijah |
Felix Mendelssohn (1809-1837) |
| | Arr. Larry Teal |
| Gabriella Clarizio '21; Jacob Hill '23; | |
| Julie Nitowski '22; Angelina Pisacane '21, saxophones | |
|
Partita No. 2 in D minor, BWV 1004 |
Johann Sebastian Bach (1685-1750) |
| I. Allemande | |
| Sarah Peppe '21, violin | |
|
Sonata for Alto Saxophone |
Paul Creston (1906-1985) |
| II. Expressively | |
| Julie Nitowski '22, alto saxophone | |
| Dr. Justin Badgerow, piano | |

Scholarship and Creative Arts Days Recital

“Come to My Garden” from The Secret Garden

Lucy Simon (b. 1943)

Lyrics by Marsha Norman

Arr. John Leavitt

Natalie Blanton '22; Hunter Eshbach '22; Abby Illingworth '21;

Emily Singer '21; Cara Warntz '22

Dr. Justin Badgerow, piano

Winter Spirits

Katherine Hoover (1937-2018)

Mary Lichtenwalner '22, flute

A Journey Above the Clouds

Joshua Koch (b. 1999)

Joshua Koch '22, piano

Again

Arnor Chu (b. 2000)

Devynn Napp-Barker '23; Amaris Wolfe '23, marimbas

Applied Studio Faculty

Brent Behrenshausen, percussion

Dr. Anne Gross, voice

Dr. Paula Nelson, flute

Faith Shiffer, saxophone

Nana Vaughn, violin

Recital Committee Members

Dr. Anne Gross

Dr. Robert Spence

Acknowledgments

Dr. Justin Badgerow

Dr. Douglas Bomberger

Barry Fritz

Dr. James Haines

Melissa Hagman

Amy Reynolds

Scholarship and Creative Arts Days at a Glance

Tuesday, April 20, 2021

Showcase of Scholarship Presentations

Presentations, panel discussions, posters, portfolios, exhibits: Live sessions

Session I 9:30 AM to 10:50 AM

- Communications
- International Business Panel
- English
- Biology (HID)
- Engineering Posters
- EGR 402
- Occupational Therapy
- Community Living

Session II 11:00 AM to 12:20 PM

- Occupational Therapy
- Communications
- Business
- Education
- English & Women and Gender Studies
- Biology
- Mathematics
- Psychology
- Honors Posters

Session III 1:15 PM to 2:35 PM

- Occupational Therapy
- Political Science
- Business
- ML-Japanese
- ML-French
- Music
- Biology
- Mathematics
- Engineering
- Computer Science
- Psychology

Session IV 2:45 PM to 4:05 PM

- Sociology
- Political Science
- Business
- Religious Studies
- ML-Spanish
- Engineering Posters EGR 201
- Biology
- Chemistry and Biochemistry
- Psychology

Keynote Events

Ranck Award Prize for Research Excellence winners will deliver remarks at the Opening and Closing Plenaries of the 14th Annual Scholarships and Creative Arts Day.



Opening Plenary

Dr. Susan Mapp, Professor of Social Work

2019-20 recipient of the Ranck Prize for Research Excellence

Research for Service: Finding My Path to Social Change

April 20, 2021 at 8:30 am



Closing Plenary

Jeffery Long, Professor of Religious Studies and Asian Studies

2020-21 recipient of the Ranck Prize for Research Excellence

From Montgomery City, Missouri to the United Nations: The Life, Work, and Journey of a Religion Scholar

April 20, 2021 at 4:15 pm



Keynote Events



The recipients of the Ranck Prize for Research Excellence were chosen by the Professional Development Committee from nominations submitted by faculty peers. In addition to receiving a monetary award and a supplement to their professional development fund to support ongoing scholarly activity, they will deliver remarks during the 14th annual Scholarship and Creative Arts Day.

Ranck Prize Background:

Robert O. Kerr '64 and Mary Ann Kerr '64 established the Ranck Prize for Research Excellence as a permanent endowment to award a full-time faculty member of Elizabethtown College and to commend and celebrate excellence in research and commitment to his or her field of study. The prize honors John P. Ranck '58, faculty member emeritus and former chair of the Department of Chemistry and Biochemistry, for "his inspirational service to countless students at Elizabethtown College."

14th Annual Scholarship and Creative Arts Day



Session I 9:30-10:50 am

School of Public Service

Communications Program		Paper/Oral Presentation	SCAD ZOOM 1	
			Panel Moderator(s): Dr. Colin Helb	
9:30 AM	Insta-Impact: Evaluating Media Forms Used By Non-Profit Organizations To Engage With Their Publics On Instagram			# 20
Presenter:	Emily Barber		Mentors: Dr. Matthew W Telleen, Dr. Katherine Hughes	
9:50 AM	Youtube Influencers: Are There Too Many Commentary And Reaction Stars In The Spotlight?			# 21
Presenter:	Emma Knight		Mentors: Dr. Colin Helb, Dr. Erica Dolson	
10:10 AM	Effective Usage Of Instagram As A Food Influencer			# 22
Presenter:	Brianna Komiske		Mentors: Dr. Kelly Poniatowski, Dr. Colin Helb	
10:30 AM	The Effects Of Photo Editing On An Audience's Emotional Response To Photographs			# 23
Presenter:	Emma Pile		Mentors: Dr. Katherine Hughes, Dr. Matthew W Telleen	

School of Business

International Business Panel		Paper/Oral Presentation	SCAD ZOOM 2	
			Panel Moderator(s): Dr. Hossein Varamini	
9:30 AM	Monaco: More Than A Gambling Town			# 30
Presenter:	Theron Steinbrook		Mentor: Dr. Hossein Varamini	
9:50 AM	Analyzing The Bahamas' Current And Future Tourism Industry			# 31
Presenter:	Meghan Murray		Mentor: Dr. Hossein Varamini	
10:10 AM	Alcoholic Beverage Industry In Ireland			# 32
Presenter:	Alex Lynch		Mentor: Dr. Hossein Varamini	
10:30 AM	The Story Behind Singapore's Booming Economy			# 33
Presenter:	Maddi Holmberg		Mentor: Dr. Hossein Varamini	

School of Arts and Humanities

English Honors in the Discipline Projects-Reading and Paper/Oral Presentation		SCAD ZOOM 3	
		Panel Moderator(s): Dr. Tara Moore	
9:30 AM	Anxiety: Environmental And Otherwise		# 40
Presenter:	Aprille Mohn		Mentor: Ms. Erica Dolson
9:50 AM	Anglo-Saxon Literary Culture And The Lord Of The Rings		# 41
Presenter:	Olivia Mathers		Mentors: Dr. Louis Martin, Dr. Matthew Skillen
10:10 AM	A Reading From A New Novel		# 42
Presenter:	Kelly Paski		Mentor: Dr. John Rohrkemper
10:30 AM	Anachronistic Zeppelin Adventure: A Short Story		# 43
Presenter:	Jake Guiswite		Mentor: Dr. John Rohrkemper

School of Sciences

HID Biology presentations		Paper/Oral Presentation	SCAD ZOOM 4	
			Panel Moderator(s): Dr. Deb Wohl	
9:30 AM	Invasive Crayfish Faxonius Rusticus Prefer Pheromones Of Opposite Sex Conspecifics			# 50
Presenter:	Elizabeth Luscavage		Mentor: Dr. Anya Goldina	
9:50 AM	Microbiome Integrity Of Unprocessed Canis Familiaris Stool Samples Prior To Storage For Fecal Matter Transplants			# 51
Presenter:	Biyar Ahmed		Mentor: Dr. Debra Wohl	
10:10 AM	Comparison Of Two Anesthetic Protocols In American Black Bears (Ursus Americanus)			# 52
Presenter:	Nadia Iगतपुरीवाला		Mentor: Dr. Debra Wohl	
10:30 AM	The Effect Of Poly(I:C) On The Immune System As Observed Through IL-12 Production In Dendritic Cells			# 53
Presenter:	Jessica Rubelmann		Mentor: Dr. Jodi Lancaster	

School of Engineering, Mathematics and Computer Science

EGR 402		Poster	SCAD ZOOM 5	
			Panel Moderator(s): Dr. Kurt DeGoede	
9:30 AM	Desalination			# 60
Presenters:	Ben Ishak, Christian Morley, Hunter Reiner, Kyle Bythell		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Elizabethtown Surrey Performance Testing And Mechanical Simulation			# 61
Presenters:	Ean Mann, Ned Cassilly, Thomas Palen, Michael Rajnik		Mentors: Dr. Kurt DeGoede Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Automated Hydroponics System			# 62
Presenters:	Alejandro Chicas, Andrew Fisher, Donato Grimaldi, Alex Koontz, Clark Williamson		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Portable Hydro-Generator			# 63
Presenters:	Alec Leslie, Ethan Henry, Joe Sarich, Arley Shepherd, John Allen		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Parking Spot Sensor			# 64
Presenters:	Gina Bongiovanni, Peyton Hulyo, Alli Lasky, Alex Pecher		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Power Assisted Stretcher			# 65
Presenters:	Julia Chojnacki, John Duttonhofer, Maddie George, Evan Heimbach, Jorge Tirado		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
9:30 AM	Rc Research Boat			# 66
Presenters:	Austin Dolaway, Matthew Hetrick, Jackson Rhodes		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	

Curricular and Co-Curricular Poster Session



Curricular and Co-Curricular	Poster	SCAD ZOOM 6
Panel Moderator(s): Ms. Deborah Waltermire-Burton		

Community Living

9:30 AM	Stronger Together: A Service Project	# 67
Presenters:	Catherine Amos, Kayla Anderson, Janelle Nolt, Kari Brown	Mentor: Ms. Gabrielle Reed
9:30 AM	A-Migos SDLC 2.0 Service Project With Todd's Angels	# 68
Presenters:	Jessica Cox, Alejandro Chicas, Adam Bogobiri, Brandon Tessier	Mentor: Ms. Gabrielle Reed
9:30 AM	Unleash Your Potental: A Serivce Project	# 69
Presenter:	Megan MacNair, Wendy Header, Kimberly Stratton	Mentor: Ms. Gabrielle Reed
9:30 AM	Helping Hands: A Service Project	# 70
Presenter:	Collin Slenker, Evan Ross, Tyler Rinehimer, Graydon Rogers	Mentor: Ms. Gabrielle Reed
9:30 AM	Greater Elizabethtown Area Recreation	# 71
Presenters:	Tyler McGonigle, James Vito, Robbie Bertucio, Eamon McCoubrey	Mentor: Mr. Adam Sheibley

Occupational Therapy

9:30 AM	How Community-Based Nutrition Education Impacts Health Disparities Among Black American Adolescents.	# 72
Presenter:	Kelly Armstrong	Mentor: Dr. Erica Wentzel
9:30 AM	Occupational Therapists' Perspectives on Working in Mental Health Roles	# 73
Presenter:	Holly Phillips	Mentors: Dr. Tamera Humbert, Ms. Deborah Waltermire-Burton
9:30 AM	Post-Intensive Care Syndrome: Current Practice And Knowledge	# 74
Presenter:	Wendy Header	Mentor: Ms. Deborah Waltermire-Burton

School of Human and Health Professions

Education	Paper/Oral Presentation	SCAD ZOOM 7
Panel Moderator(s): Dr. Shannon Haley-Mize		
9:30 AM	Fine Arts Integration In Early Childhood Education	#77
Presenter:	Emily Flach	Mentor: Dr. Shannon Haley-Mize
10:10 AM	Implementing Waldorf-Inspired Practices In Early Childhood Public Education	# 79
Presenter:	Celia Martone	Mentor: Dr. Wendy Bellew







Session II 11:00 AM-12:20 PM




School of Human and Health Professions

Occupational Therapy		Paper/Oral Presentation	SCAD ZOOM 8	
		Panel Moderator(s): Dr. Nancy Carlson		
11:00 AM	Therapists' Perspectives On Using Telehealth With Spinal Cord Injury Patients		# 80	
Presenter:	Lyndee Anders		Mentor: Dr. Diane Martin	
11:20 AM	Exploring The Use Of Occupational Therapy Telehealth Services In Early Intervention During COVID-19		# 81	
Presenter:	Aiyana Tietze-Di Toro		Mentors: Dr. Diane Martin, Dr. Nancy Carlson	
11:40 AM	Parents' Perspectives And Pediatric Constraint Induced Movement Therapy For Children With Cerebral Palsy		# 82	
Presenter:	Janelle Barna		Mentor: Dr. Erica Wentzel	
12:00 PM	Exploring Employment Experiences From The Perspective Of Adults With Autism Spectrum Disorder		# 83	
Presenters:	Colleen McGovern, Hannah Dinsmore		Mentors: Dr. Judy Ericksen, Dr. Nancy Carlson	

School of Public Service

Communications Program		Paper/Oral Presentation	SCAD ZOOM 9	
		Panel Moderator(s): Dr. Colin Helb		
11:00 AM	"The Trial Of Memory Fairchild" - Creating A Fiction Podcast		# 90	
Presenter:	Samantha Seely		Mentors: Dr. Colin Helb, Dr. Tara Moore	
11:20 AM	Understanding Portrayals Of Hunters Across The Media		# 91	
Presenter:	Christopher Tongel		Mentor: Dr. Tamara Gillis	

School of Business

Business Program		Paper/Oral Presentation	SCAD ZOOM 10	
		Panel Moderator(s): Dr. Hossein Varamini, Dr. Cristina Ciocirlan		
International Business				
11:00 AM	Norway’s Hydropower			# 95
Presenter:	Evan Shaffer		Mentor: Dr. Hossein Varamini	
Applied Family Business Research				
11:20 AM	Designer Glass & Shades - A Family Business Case Study			# 96
Presenters:	Kayla Patone, Madison Stoyer, Alexandra Sharp, Alyssa Scordo		Mentor: Dr. Petru Sandu	
Business (continued)				
11:40 AM	The Impact Of COVID-19 On Job-Search Behavior Among College Students			# 97
Presenter:	Nicole Blyth		Mentors: Dr. Cristina Ciocirlan, Dr. Hossein Varamini	
12:00 PM	Corporate Social Responsibility In Professional Sports: Perceptions And Demographics			# 98
Presenter:	William Paterson		Mentors: Dr. Cristina Ciocirlan Dr. Kelly Poniatowski	

School of Arts and Humanities

English & WGS

World War One in British and American Literature-Paper/Oral Presentation

SCAD ZOOM 11



Panel Moderator(s): **Kimberly VanEsveld Adams**

11:00 AM "You Have Fixed My Life- However Short,"- Wilfred Owen's Homosexuality In His Poetry And **# 110**
Prose

Presenter: Emily Erdlen

Mentor: Dr. Kimberly Adams

11:20 AM **World War I And Mental Illness In Toni Morrison's Sula** **# 111**

Presenters: Jake Guiswite

Mentor: Dr. Kimberly Adams

11:40 AM **"The Song Of The Mud"** **# 112**

Presenter: Dori Hall

Mentor: Dr. Kimberly Adams

School of Sciences

Biology

Paper/Oral Presentation

SCAD ZOOM 12



Panel Moderator(s): **Dr. Jane Cavender**

11:00 AM **Correlation Of BCL-X Isoform With Aggressive Growth Rates Of SV40 T-Antigen Transformed** **# 120**
Human Diploid Fibroblasts

Presenters: Kailey Caroland, John Hanson

Mentor: Dr. Jane Cavender

11:20 AM **Effect Of SV40 T-Antigen Oncoprotein Expression In Human Diploid Fibroblasts On The** **# 121**
Production Of SAM68 And Subsequent Cyclin D1 Isoform Selection

Presenters: Caleb Clements, Catherine Falkenstein

Mentor: Dr. Jane Cavender

11:40 AM **Effect Of Diquat Dibromide On Hydra Reflex, Tentacle Length And Viability** **# 122**

Presenters: Matthew Kowalewski, Jackson Dardis

Mentor: Dr. Jane Cavender

12:00 PM **Elucidation Of The Isoform And Role Of SRSF1 In Simian Virus 40 T-Antigen Transformed** **# 123**
Human Diploid Fibroblasts

Presenter: Zachary Nawrocki

Mentor: Dr. Jane Cavender

Psychology Honors Panel

Paper/Oral Presentation

SCAD ZOOM 13



Panel Moderator(s): **Dr. Michael Roy**

11:00 AM **How Positive Student-Professor Relationships Affect Academic Success And Motivation In** **# 125**
Vulnerable College Students

Presenter: Elise Stendal

Mentors: Dr. Evan Smith, Dr. Jean Pretz

11:20 AM **Changing Ethnocultural Empathy In White Adults** **# 126**

Presenter: Gretchen Wade

Mentors: Dr. Evan Smith, Dr. Jean Pretz

11:40 AM **It Takes A Village: How Perceived Social Support And Classroom Modality Impacts New** **# 127**
Students' Adjustments To College

Presenter: Emily Lamison

Mentor: Dr. Elizabeth Dalton

12:00 PM **Social Media Trends: The Influence Of Body Related Content On Body Image** **# 128**

Presenter: Jennifer Mele

Mentor: Dr. Elizabeth Dalton

School of Engineering, Mathematics and Computer Science

Mathematical Sciences

SCAD ZOOM 14
Panel Moderator(s): **Dr. Leyla Batakci**



11:00 AM	Magic Squares	# 130
Presenters:	Brianna Falby, Madyson Kosiorek	Mentor: Dr. Leyla Batakci
11:20 AM	Sangaku Puzzles With Geogebra	# 131
Presenters:	Allyson Nace, Joseph Nelson	Mentor: Dr. Leyla Batakci
11:40 AM	Sudoku And Methods To Solve Sudoku	# 132
Presenters:	Livia Marga, Delphi Aubry	Mentor: Dr. Leyla Batakci
12:00 PM	The Golden Ratio	# 133
Presenters:	Isabelle Schmittinger, Christopher Karwan	Mentor: Dr. Leyla Batakci

Honors Program Posters

Honors Program

Poster

SCAD ZOOM 15
Panel Moderator(s): **Mr. Jean-Paul Benowitz**



11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 140
Presenter:	Kyle C. Cappucci	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 141
Presenter:	Andrew M. Furman	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 142
Presenter:	Gavin L. Gismondi	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 143
Presenter:	Bethany J. Heidelbaugh	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 144
Presenter:	Zachary P. Hohman	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 145
Presenter:	Bryce Keller	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 146
Presenter:	Jackson P. Lager	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 147
Presenter:	Quinn D. Pepper	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 148
Presenter:	Sam M. Phillips	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 149
Presenter:	Eric J. Schubert	Mentor: Mr. Jean-Paul Benowitz

Honors Program (continued)		
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 150
Presenter:	Matthew Wilt	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 151
Presenter:	Alexander Waskiewicz	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 152
Presenter:	Brooke Seislove	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 153
Presenter:	Madaline Shaffer	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 154
Presenter:	Abigail Sholes	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 155
Presenter:	Matthew Smith	Mentor: Mr. Jean-Paul Benowitz
11:00 AM	Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal	# 156
Presenter:	Mackenzie Unger	Mentor: Mr. Jean-Paul Benowitz

School of Engineering, Mathematics, and Computer Science

Engineering	Electric Cars Race	Elizabethtown College Track
12:20 PM	Electric Cars	# 157
Presenters:	Samantha Aronson, Lukas Azzati, Ryan Bahr Carter Balliet, Natalie Barlow, Matthew Barosi, Joshua T Blades, Willem D Carl, Juan Colorado Claire Cuvo, David Diehl, Brendan Doel, James Fallon, David Fetzner, Jordan Figueroa, Brayden Franey, Avery Frick, Conor Gallagher, Christian Gingrich, Jacob Groh, Christian Hansen, Will Holdren, Dylan Holland, Adam Johnson, Joseph Killpatrick, Gabriel Kimmel, Olivia Kurtz, Blake Lambert, Joel Maragoto, Evan McMurray, James-Michael Musser, Mason Nevill, Alec Newman, William Oberle, Paige Parsons, Luke Paulson, Phil Phillips, Andrew Raab, Scott Reagan, Abisai Rodriguez, Domenic Rodriguez, Garrett Smith, Robert Soyka, Olivia Swope, Christopher Talluto, Kevin Wang, Bridget Ward, Owen Wertzberger, Emily Wilkes, Michael Williams, Keven Woodruff, Mercedes Zajackowski	Mentors: Dr. Jean Batista Abreu and Dr. Mark Brinton



Session III 1:15-2:35 PM



School of Human and Health Professions

Occupational Therapy

Paper/Oral Presentation

SCAD ZOOM 16



Panel Moderator(s): **Dr. Kerri Hample**

1:15 PM	Interoception Awareness And Intuitive Eating	# 160
Presenter:	Meghan Glaspey	Mentor: Dr. Kerri Hample
1:35 PM	Client Perspectives Of Engaging In Romantic Relationships After A Spinal Cord Injury: A Phenomenological Inquiry	# 161
Presenter:	Kaitlyn Edinger	Mentor: Ms. Gina Fox

School of Public Service

Sociology and Anthropology

Paper/Oral Presentation

SCAD ZOOM 17



Panel Moderator(s): Mentor: **Dr. Michele Lee Kozimor**

1:55 PM	To Keep Or Not To Keep: The Effects Of Education And Political Ideology On Views Of Abortion	# 171
Presenter:	Emma Nalesnik	Mentor: Dr. Michele Lee Kozimor
2:15 PM	Conflict Resolution And Sociology: An Ethnographic Analysis	# 172
Presenter:	Jessica Cox	Mentor: Dr. Michele Lee Kozimor

Political Science Panel

Paper/Oral Presentation


SCAD ZOOM 18





Panel Moderator(s): **Dr. Oya Dursun-Ozkanca**

1:15 PM	Is The UN An Effective Peacekeeper?: A Comparative Analysis Of Peacekeeping Missions In Rwanda And Liberia	# 175
Presenter:	Benjamin Stokes	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
1:35 PM	The Age Of Climate Change	# 176
Presenter:	Andrea Guscott	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
1:55 PM	Outdated Laws: Their Contributions To Mass Incarceration And Police Practices	# 177
Presenter:	Allie Melnikoff	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
2:15 PM	The Latinx Vote: The Cuban American Vote Explained	# 178
Presenter:	Monica Rodriguez	Mentors: Dr. E. Fletcher McClellan, Dr. April Kelly-Woessner

School of Business

Business		Applied Family Business Research Paper/Oral Presentation	SCAD ZOOM 19 Panel Moderator(s): Dr. Petru Sandu	
1:15 PM	Dubois And Associates - A Family Business Case Study		# 180	
Presenters:	Jacob DuBois, Aidan Trynosky, Kelli Olsson, Lila Bolze		Mentor: Dr. Petru Sandu	
1:35 PM	White's Machine - A Family Business Case Study		# 181	
Presenters:	Luke Reiter, Miranda Decker, Isabella Serillo, Elizabeth Eckhart, Quique -Alejandro Chicas		Mentor: Dr. Petru Sandu	
1:55 PM	WBA Automation - A Family Business Case Study		#182	
Presenters:	Nash Williamson, Clark Williamson, Connor Zimmerman, Hannah Smith, Jessica D'lorio		Mentor: Dr. Petru Sandu	
2:15 PM	The Stewart Company - A Family Business Case Study		# 183	
Presenters:	Cody Richter, Eric Mark, Veronica Martonik, Alexandria Reid, Christina Mercincavage		Mentor: Dr. Petru Sandu	

School of Arts and Humanities

Modern Languages		Paper/Oral Presentation	SCAD ZOOM 20 Panel Moderator(s): Dr. Nobuaki Takahashi	
1:15 PM	Tackling The Hikikomori Issue In Japan: Open Dialogue Is The Best Method		# 185	
Presenter:	Adam Cross		Mentor: Dr. Nobuaki Takahashi	
1:35 PM	Macbeth And Throne Of Blood: The Allure Of Power		# 186	
Presenter:	Mac Schmitz		Mentor: Dr. Nobuaki Takahashi	
1:55 PM	Playing With Dolls: The Difference Of Artistic Value Between Bunraku And Puppet Shows		# 187	
Presenter:	Carly Sherba		Mentor: Dr. Nobuaki Takahashi	
2:15 PM	Protesting In France And The Us		# 188	
Presenter:	Cassandra Roberts		Mentor: Dr. Vanessa Borillot	
Music		Paper/Oral Presentation	SCAD ZOOM 21 Panel Moderator(s): Dr. Gene Ann Behrens	
1:15 PM	Associations Among Music Selections, Emotion Words, And Color For Six Emotions		# 189	
Presenters:	Anneka Bell, Brittany Freed, Angelina Pisacane, Emily Singer		Mentor: Dr. Gene Ann Behrens	
1:35 PM	The Mighty Handful And The Development Of The Russian Sound		# 190	
Presenter:	Avery Faust		Mentor: Dr. E. Douglas Bomberger	
1:55 PM	The Developing Salience Network Of Babies With Neonatal Abstinence Syndrome And Music Therapy Protocol, part 1		# 191	
Presenter:	Anneka Bell		Mentor: Dr. Gene Ann Behrens	
2:15 PM	The Developing Salience Network Of Babies With Neonatal Abstinence Syndrome And Music Therapy Protocol, part 2		# 192	
Presenters:	Anneka Bell		Mentor: Dr. Gene Ann Behrens	
2:45 PM	Identifying Primary and Complex Emotions in Music Improvisations by Musicians and Non-musicians		# 193	
Presenters:	Kathryn Hoff, Emily Sullivan, Gabriella Clarizio		Mentor: Dr. Gene Ann Behrens	

School of Sciences

Biology

Paper/Oral Presentation

SCAD ZOOM 22



Panel Moderator(s): **Dr. Anya Goldina**

1:35 PM **Convergence Of Art And Science In Anatomy And Physiology Course; The Student Perspective** **# 194**
 Presenter: Rebecca Kruse Mentors: Dr. Anya Goldina, Ms. Carol Ouimet

1:55 PM **Effects On Bacterial Composition From Long-Term Storage Of Fecal Matter** **# 195**
 Presenter: Sabir Mali Mentor: Dr. Debra Wohl

Psychology

Paper/Oral Presentation

SCAD ZOOM 23



Panel Moderator(s): **Dr. Michael Roy**

1:15 PM **Filling In The Blanks: The Effects Of Learning Location And Campus Involvement On Sense Of Belonging** **# 196**
 Presenter: Rachel Bickelman Mentor: Dr. Michael Roy

1:35 PM **Menthol's Impact On Environmental Cues When Used In Combination With Nicotine** **# 197**
 Presenter: Kathryn Carter Mentor: Dr. Michael Roy

1:55 PM **Effect Of Juror Perceptions Of The Insanity Defense And Mental Illness Within The Criminal Justice System** **# 198**
 Presenter: Madison Meiser Mentor: Dr. Michael Roy

School of Engineering, Mathematics, and Computer Science



Mathematical Sciences

Paper/Oral Presentation

SCAD ZOOM 24

Panel Moderator(s): **Dr. Tomás Estrada**

1:15 PM **Effects Of Catastrophes On Insurance And Reinsurance Markets** **# 200**
 Presenter: Josh Albin Mentor: Dr. Gabriela Sanchis

Engineering

1:35 PM **The Rise Of The Machine: How Industrial Robots Will Revolutionize U.S. Manufacturing** **# 201**
 Presenter: Alexander Koontz Mentor: Dr. Tomás Estrada

Computer Science

1:55 PM **PIKA: A Real-Life Pokédex On A Smartphone With The Power Of Deep Learning** **# 202**
 Presenter: Matthew Grohotolski Mentor: Dr. Peilong Li



2:15 PM **haMLton: Gross Box Office and Sentiment Analysis for Broadway Shows** **# 203**
 Presenter: Allyson Nace Mentor: Dr. Peilong Li



Session IV 2:45-4:05 PM



School of Public Service

Sociology and Anthropology		Honors in the Discipline in Sociology Paper/Oral Presentation	SCAD ZOOM 25	
			Panel Moderator(s): Michele Lee Kozimor	
2:45 PM		Standing, Sharing, And Scrolling: How In-Person Protesting And Social Media Activism Impact Social Connectedness To Local Community		# 215
Presenter:	Rachel Bickelman		Mentor: Dr. Michele Lee Kozimor	
3:05 PM		To Vote Or Not To Vote: The Effects Of Political Information Efficacy, Locus Of Control, And Parental Socialization On The Political Engagement Of College Students		# 216
Presenter:	Jessica Cox		Mentors: Dr. Conrad Kanagy, Dr. Michele Lee Kozimor	
3:25 PM		That's News To Me: A Content Analysis Of The Portrayal Of Perpetrators Of Mass Murder In Mass Media Communications		# 217
Presenter:	Meghan Kenney		Mentors: Dr. Michele Lee Kozimor, Dr. Kirsten Johnson	
Political Science		Paper/Oral Presentation	SCAD ZOOM 26	
			Panel Moderator(s): Dr. E. Fletcher McClellan	
2:45 PM		Revoking Section 230 Of The Communications Decency Act		# 220
Presenter:	Matthew Strubinger		Mentor: Dr. E. Fletcher McClellan	
3:05 PM		Modern Reparations For African-Americans		# 221
Presenter:	Eli Perry		Mentor: Dr. E. Fletcher McClellan	
3:25 PM		Unusually Cruel: Death Penalty Sentencing & Mentally Ill Offenders		# 222
Presenter:	Madison Meiser		Mentor: Dr. E. Fletcher McClellan	

School of Business

Business		Applied Family Business Research Paper/Oral Presentation	SCAD ZOOM 27	
			Panel Moderator(s): Dr. Petru Sandu	
2:45 PM		The Professionalization Of A Family Business		# 230
Presenter:	Matthew Hetrick		Mentor: Dr. Petru Sandu	
3:05 PM		Improving Family Business Governance By Designing Effective Boards		# 231
Presenters:	Clark Williamson, Nash Williamson, Madeline Hamilton, Connor Zimmerman		Mentor: Dr. Petru Sandu	
3:25 PM		Family Businesses Resilience To Crises		# 232
Presenters:	Blake Samsel, Christina Mercincavage, Suad Sadek, Hameedah Odusanya		Mentor: Dr. Petru Sandu	
3:45 PM		Designing The Transition Of A Family Business To The Next Generation		# 233
Presenters:	Wyatt Schwanger, Cody Richter, Mark Waters, Massimo Mazzella		Mentor: Dr. Petru Sandu	

School of Arts and Humanities

Religious Studies and Modern Languages Paper/Oral Presentation

SCAD ZOOM 28

Panel Moderator(s): **Dr. Charla Lorenzen**



Religious Studies

3:05 PM	The Book Of Exodus In Film: A Story (Re)Shaped By History	# 241
Presenter:	Hope McQuoid	Mentor: Dr. Christina Bucher

Modern Languages

Paper/Oral Presentation

3:25 PM	The Climate Crisis: What We Can Learn From Latin American Indigenous Groups	# 242
Presenter:	Hannah Dinsmore	Mentor: Dr. Charla Lorenzen

School of Engineering, Mathematics, and Computer Science

Engineering Poster Session

Poster

SCAD ZOOM 29

Panel Moderator(s): **Dr. Brenda L Daily**



2:45 PM	Engineering Community-Based Projects: Poster 1	# 246
Presenters:	Alexander D'Amico, Christopher McGill, Jason Nazarene, Vincent Sabatino	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 2	# 247
Presenters:	Alexander Kobilyuk, Destiny Lajes, Elizabeth LePore, Aaron Troutman	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 3	# 248
Presenters:	Jean Farley, Kaede Goodeliunas, Michael Petricoin, Trevor Whitfield	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 4	# 249
Presenters:	Anthony Camilo, Evan Carneal, Daniel Chinchar, Steven Swain	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 5	# 250
Presenters:	Courtnee Hoff, Cassidy Pawlicki, Avery Roberts, Timothy Sauers	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 6	# 251
Presenters:	Justin Brown, Arielle Cox, Joel Shane, Emily Ward	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 7	# 252
Presenters:	Lauren Comly, Ruth Jacob, Drew Riley, Ethan Vallone	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 8	# 253
Presenters:	Karl Abou Negm, Ryan Hepler, Shane Strausser, Benjamin Watson	Mentor: Dr. Brenda L Daily
2:45 PM	Engineering Community-Based Projects: Poster 9	# 254
Presenters:	Logan Crosby, Dylan Hairfield, Ryan Leppo, Samuel Wilson	Mentor: Dr. Brenda L Daily

School of Sciences

Psychology, Chemistry & Biochemistry

SCAD ZOOM 30

Panel Moderator(s): **Dr. James MacKay**



Chemistry & Biochemistry

2:45 PM **Synthesis Of Modified Amide-Based Extended Heterocyclic Nucleobases Capable Of Hydrogen Bonding To The U-A Base Pair In Double Stranded RNA** **# 260**

Presenters: John Talbott, Kyle Hess

Mentor: Dr. James MacKay

2:45 PM **Development Of A Microwave Assisted One-Pot Allylation And Claisen Rearrangement** **# 261**

Presenter: Brandon Tessier

Mentor: Dr. James MacKay

2:45 PM **Ph Sensitive Polymer Nanoparticle Control For A Lateral Flow Assay For Lead(II) Detection** **# 262**

Presenter: Rachel Molino

Mentor: Dr. Lauren Toote

2:45 PM **The Effect Of Poly(I:C) On The Immune System As Observed Through IL-12 Production In Dendritic Cells** **# 263**

Presenter: Sarah Kleb

Mentor: Dr. Jodi Lancaster

Psychology

2:45 PM **Connection Between Anxiety And Stress Levels Related To Art Background, Confidence, And Activities** **# 264**

Presenter: Nakita Edwards

Mentor: Dr. Elizabeth Dalton

2:45 PM **Methods Of Analyzing Taste Preference Reveal Menthol's Ability To Drive Nicotine Consumption** **# 265**

Presenter: Lauren Kerr

Mentor: Dr. Robert Wickham

EXHIBITS

School of Public Service

Communications

Photography Exhibit

The High Library

April 19-May 7 **Etown Connections, Past And Present**

270

Presenters: Isa Abdul-Rahman, Kayla Anderson, Bridget Colwell, Natalie Costa-Ouimet, Nick D'Amico, Karlie Fromm, Andrew Furman, Jake Guiswite, Morgan Kerrick, Lea LaPonti, Sophie Lauer, Michael Le, Abigail Lindsay, Zach Martin, Hayden Mitchell, Tate Mohnney, Faith Morrow, Sarah Moscoso, Mimi Nguyen, Joseph Olah, Sophia Peters, Jessica Piergallini, Matt Price, Marc Ramson, Armin Reid, Connor Sensenig, Joanna Shultz, Logan Stynes, Victoria Young, Timothy Zeiber

Mentor: Dr. Katherine Hughes

School of Arts and Humanities

Fine Arts

Art Show

Lyet Gallery

April 19-May 7 **34th Annual Juried Student Art Show**

271

Presenters: Alice Lucas, Ezekiel Ciafre, Lauren Closs, Natalie Costa-Ouimet, Tuyen D Le, Jake DuBois, Nakita Edwards, Justin Enochs, Grace Fernandez, Mercedes Geiger, Sofia Gonda, Grace Hardy, Darby Haynes, Jenna Hoffman, Sofia Jurado, Lea Laponti, Jakob Latham, Nicole McCauley, Hope McQuoid, Max Miller, Natalie Mischlich, Hayden Mitchell, Darci Ott, Samantha Phillips, Rebecca Russel, Sophia Strock, Jacob Vershinski, Catherine Wyatt, Veronica Zerebilov,

Mentor: Professor Kristi Arnold
Professor Dan Burns
Professor Jeff Bye
Professor Linda Eberly
Professor Milt Friedly
Professor Jeb Geib
Professor Katherine Hughes

Scholarship and Creative Arts Days Participant Index

A

Abdul-Rahman, Isa: 270
Abou Negm, Karl: 253
Ahmed, Biyar: 51
Albin, Josh: 200
Aleo, Julia: 14
Alger, Hailey: 6
Allen, John: 63
Amos, Catherine: 67
Anders, Lyndee: 80
Anderson, Elizabeth: 4
Anderson, Kayla: 67, 270
Armstrong, Kelly: 73
Aronson, Samantha: 157
Aubry, Delphi: 132
Azzati, Lukas: 157

B

Bahr, Ryan: 157
Bailey, Samantha: 14
Baker, Tajanae: 7
Balliet, Carter: 157
Barber, Emily: 20
Barlow, Natalie: 157
Barna, Janelle: 82
Barosi, Matthew: 157
Bell, Anneka: 189, 191, 192
Bertucio, Robbie: 71
Bickelman, Rachel: 196, 215
Blades, Joshua T: 157
Blanch, Anajulia: 17
Blanton, Natalie: 18
Blyth, Nicole: 97
Bogobiri, Adam: 68
Bolze, Lila: 180
Bongiovanni, Gina: 64
Brown, Justin: 251

Brown, Kari: 67

Buss, Emily: 15
Bythell, Kyle: 60

C

Camilo, Anthony: 249
Capone, Natalie: 6
Cappucci, Kyle: 140
Carl, Willem D: 157
Carneal, Evan: 249
Caroland, Kailey: 120
Carter, Kathryn: 197
Cassilly, Ned: 61
Chicas, Alejandro: 62, 68, 181
Chinchar, Daniel: 249
Chojnacki, Julia: 65
Ciafre, Ezekiel: 271
Clarizio, Gabriella: 18, 193
Clark, Jessica: 17
Clements, Caleb: 121
Closs, Lauren: 271
Colleta, Bruno: 18
Colorado, Juan: 157
Colwell, Bridget: 270
Comly, Lauren: 252
Costa-Ouimet, Natalie: 270, 271
Cox, Arielle: 251
Cox, Jessica: 68, 172, 216
Crosby, Logan: 254
Cross, Adam: 185
Cuvo, Claire: 157

D

D Le, Tuyen: 271
D'Amico, Nick: 270
D'Amico, Alexander: 246
Dardis, Jackson: 122

Dart, Erin: 14

Decker, Miranda: 181
Delaney, Megan: 12
Denault, Ashleigh: 8
Diehl, David: 157
Dinsmore, Hannah: 83, 242
D'lorio, Jessica: 182
Doel, Brendan: 157
Doherty, Erin: 13
Dolaway, Austin: 66
DuBois, Jacob: 180
DuBois, Jake: 271
Duttenhofer, John: 65

E

Eckenrode, Hali: 7
Eckhart, Elizabeth: 181
Edinger, Kaitlyn: 161
Edwards, Nakita: 264, 271
Enochs, Justin: 271
Erdlen, Emily: 110
Eshbach, Hunter: 18

F

Falby, Brianna: 130
Falkenstein, Catherine: 121
Fallon, James: 157
Farley, Jean: 248
Faust, Avery: 190
Fernandez, Grace: 271
Fetzer, David: 157
Figueroa, Jordan: 157
Fisher, Andrew: 62
Fishkind, Emily: 6
Flach, Emily: 77
Franey, Brayden: 157
Freed, Brittany: 190

Scholarship and Creative Arts Days Participant Index

Frenz, Emily: 12
Frick, Avery: 157
Fromm, Karlie: 270
Furman, Andrew: 141, 270

G

Gallagher, Conor: 157
Geiger, Mercedes: 271
Geiger, Olivia: 12
Gelb, Courtney: 4
George, Maddie: 65
Giamba, Maria: 13
Gibson, Jayden: 18
Ginder, Alyssa: 9
Gingrich, Christian: 157
Gismondi, Gavin: 142
Glaspey, Meghan: 160
Gonda, Sofia: 271
Goodeliunas, Kaede: 248
Grimaldi, Donato: 62
Groh, Jacob: 157
Grohotolski, Matthew: 202
Guiswite, Jake: 43, 111, 270
Guscott, Andrea: 176
Guttman, Sarah: 7

H

Hairfield, Dylan: 254
Hall, Doris: 112
Hamilton, Madeline: 231
Hansen, Christian: 157
Hanson, John: 120
Hardy, Grace: 271
Hawkins, Sarah: 3
Haynes, Darby: 271
Header, Wendy: 69, 75
Heidelbaugh, Bethany: 143

Heimbach, Evan: 65
Helt, Sarah: 9
Henry, Ethan: 63
Hepler, Ryan: 253
Hess, Kyle: 260
Hetrick, Matthew: 66, 230
Hill, Jacob: 18
Hoff, Courtnee: 250
Hoff, Kathryn: 193
Hoffman, Jenna: 271
Hohman, Zachary: 144
Holdren, Will: 157
Holland, Dylan: 157
Holmberg, Maddi: 33
Hughes, Isobelle: 11
Hulyo, Peyton: 64

I

Igatpuriwala, Nadia: 52
Illingworth, Abby: 18
Ishak, Ben: 60

J

Jacob, Ruth: 252
Johnson, Adam: 157
Jones, Claudia: 5
Jurado, Sofia: 271

K

Karwan, Christopher: 133
Kazzaz, Nameer: 4
Keller, Bryce: 145
Kenney, Meghan: 217
Kerr, Lauren: 265
Kerrick, Morgan: 270
Killpatrick, Joseph: 157
Kimmel, Gabriel: 157

Kleb, Sarah: 263
Klepper, Delaney: 10
Knecht, Kaitlyn: 10
Knight, Emma: 21
Kobilnyk, Alexander: 247
Koch, Joshua: 18
Komiske, Brianna: 22
Koontz, Alexander: 62, 201
Kosiorek, Madyson: 130
Kowalewski, Matthew: 122
Kruis, Katherine: 12
Kruse, Rebecca: 194
Kurtz, Olivia: 157
Kutteroff, Jessica: 11

L

Lager, Jackson: 146
Lajes, Destiny: 247
Lambert, Blake: 157
Lamison, Emily: 127
LaPonti, Lea: 270
Laponti, Lea: 271
Lasky, Alli: 64
Latham, Jakob: 271
Lauer, Sophie: 270
Lawson, Lydia: 17
Le, Michael: 270
Leary, Rebecca: 11
Lehman, Scarlett: 15
Leibensperger, Hannah: 7
LePore, Elizabeth: 247
Leppo, Ryan: 254
Leslie, Alec: 63
Lichtenwalner, Mary: 18
Lindsay, Abigail: 270
Lingo, Sara: 8
Lucas, Alice: 271

Scholarship and Creative Arts Days Participant Index

Luscavage, Elizabeth: 50, 183
Lynch, Alex: 32

M

MacNair, Megan: 69
Mali, Sabir: 195
Mann, Ean: 61
Maragoto, Joel: 157
Marga, Livia: 132
Mark, Eric: 183
Martin, Zach: 270
Martone, Celia: 79
Martonik, Veronica: 183
Mathers, Olivia: 41
Matje, Meghan: 14
Mazzella, Massimo: 233
McCauley, Nicole: 271
McCoubrey, Eamon: 71
McDowell, Ian: 6
McGill, Christopher: 246
McGonigle, Tyler: 71
McGovern, Colleen: 83
McMurray, Evan: 157
McQuoid, Hope: 241
McQuoid, Hope: 271
Meiser, Madison: 198, 222
Mele, Jennifer: 128
Melnikoff, Allie: 177
Mercincavage, Christina: 232
Michael, Rajnik: 61
Miller, Leanna: 3
Miller, Max: 271
Mischlich, Natalie: 271
Mitchell, Hayden: 270, 271
Mohn, Aprille: 40
Mohny, Tate: 270
Molino, Rachel: 262

Morley, Christian: 60
Morrow, Faith: 270
Moscoco, Sarah: 270
Murray, Meghan: 31
Musser, James-Michael: 157

N

Nace, Allyson: 131, 203
Nalesnik, Emma: 171
Napp-Barker, Devynn: 18
Nawrocki, Zachary: 123
Nazarenus, Jason: 246
Nelson, Joseph: 131
Nevill, Mason: 157
Newman, Alec: 157
Nguyen, Mimi: 270
Nitowski, Julie: 18
Nolt, Janelle: 67

O

Oberle, William: 157
Odusanya, Hameedah: 232
Olah, Joseph: 270
Olsson, Kelli: 180
Onimus, Christiana: 3
Ott, Darci: 271

P

Palen, Thomas: 61
Parsons, Paige: 157
Paski, Kelly: 42
Paterson, William: 98
Patone, Kayla: 96
Paulson, Luke: 157
Pawlicki, Cassidy: 250
Paymer, Hannah: 16
Peffer, Quinn: 147

Peppe, Sarah: 18
Percher, Alex: 64
Perry, Eli: 221
Peters, Sophia: 270
Petricoin, Michael: 248
Phillips, Holly: 74
Phillips, Phil: 157
Phillips, Sam: 148, 271
Piergallini, Jessica: 270
Pile, Emma: 23
Pisacane, Angelina: 18, 190
Plotts, Allison: 16
Posey, Sarah: 13
Preston, Alexis: 13
Price, Matt: 270
Procida, Lianna: 9
Pron, Jessica: 10

R

Raab, Andrew: 157
Ramson, Marc: 270
Reagan, Scott: 157
Reid, Alexandria: 183
Reid, Armin: 270
Reiner, Hunter: 60
Reiter, Luke: 181
Rhodes, Jackson: 66
Richter, Cody: 183, 233
Riehl, Lenea: 8
Riley, Drew: 252
Rinehimer, Tyler: 70
Robbins, Cameron: 9
Roberts, Avery: 250
Roberts, Cassandra: 188
Rodriguez, Abisai: 157
Rodriguez, Domenic: 157
Rodriguez, Monica: 178

Scholarship and Creative Arts Days Participant Index

Rogers, Graydon: 70
Ross, Evan: 70
Rubelmann, Jessica: 53
Russel, Rebecca: 271

S

Sabatino, Vincent: 246
Sadek, Suad: 232
Samsel, Blake: 232
Sarich, Joe: 63
Sartor, Jesse: 17
Sauers, Timothy: 250
Schieb, Lauren: 3
Schmittinger, Isabelle: 133
Schmitz, Mac: 186
Schubert, Eric: 149
Schuller, Melanie: 10
Schwanger, Wyatt: 233
Scordo, Alyssa: 96
Seely, Samantha: 90
Seislove, Brooke: 152
Sensenig, Connor: 270
Sensenig, Joseph: 5
Serillo, Isabella: 181
Shaffer, Evan: 95
Shaffer, Madaline: 153
Shane, Joel: 251
Sharp, Alexandra: 96
Sheesley, Amber: 5
Shepherd, Arley: 63
Sherba, Carly: 187
Sholes, Abigail: 154
Shultz, Joanna: 270
Singer, Emily: 18, 190
Slenker, Collin: 70
Smith, Garrett: 157
Smith, Hannah: 182
Smith, Matthew: 155

Sobolesky, Jordan: 15
Soyka, Robert: 157
Spadaro, Zoe: 8
Steinbrook, Theron: 30
Stendal, Elise: 125
Stokes, Benjamin: 175
Stoyer, Madison: 96
Stratton, Kimberly: 69
Strausser, Shane: 253
Strock, Sophia: 271
Strubinger, Matthew: 220
Stynes, Logan: 270
Sullivan, Emily: 193
Swain, Steven: 249
Swope, Olivia: 157

T

Talbott, John: 260
Talluto, Christopher: 157
Tessier, Brandon: 68 261
Thomasco, Phoebe: 5
Tietze-Di Toro, Aiyana: 81
Tirado, Jorge: 65
Tongel, Christopher: 91
Troutman, Aaron: 247
Trynosky, Aidan: 180
Tyrrell, Madison: 16

U

Unger, Mackenzie: 156

V

Vallone, Ethan: 252
Vershinski, Jacob: 271
Vito, James: 71

W

Wade, Gretchen: 126

Wang, Kevin: 157
Ward, Bridget: 157
Ward, Emily: 251
Warntz, Cara: 18
Waskiewicz, Alexander: 151
Waters, Mark: 233
Watson, Benjamin: 253
Wertzberger, Owen: 157
Whitehead, Abigail: 16
Whitfield, Trevor: 248
Wilkes, Emily: 157
Williams, Michael: 157
Williamson, Clark: 62, 182, 231
Williamson, Nash: 182, 231
Wilson, Samuel: 254
Wilt, Matthew: 150
Woelfel, Ceara: 15
Wolfe, Amaris: 18
Woodruff, Keven: 157
Wyatt, Catherine: 271

Y

Young, Victoria: 270

Z

Zajackowski, Mercedes: 157
Zeiber, Timothy: 270
Zerebilov, Veronica: 271
Zimmerman, Connor: 182
Zimmerman, Connor: 231

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